

**City of Portland, Maine - Building or Use Permit Application**

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

PERMIT ISSUED  
MAR 29 2011

Job No: 2011-1417 HVAC	Date Applied: 2/18/2011	CBL: 013 - - K - 063 - 001 - - - - -	
Location of Construction: 39 CUMBERLAND AVE	Owner Name: GILBERT & HELMICK	Owner Address: 90 MORNING ST PORTLAND, ME - MAINE 04101	Phone:
Business Name:	Contractor Name: Helmick, Gil	Contractor Address:	Phone:
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG - HVAC	Zone: R-6
Past Use: <b>There are two separate buildings on the lot - The front building is a legal three family and the rear building is a legal single family</b>	Proposed Use: <b>SAME: Front three family and rear single family - To install a new heating system in the front three unit building</b>	Cost of Work: 31000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: R-2 Type: HVAC
Proposed Project Description: 39 Cumberland Ave. / To add new heating system in the front building		Pedestrian Activities District (P.A.D.)	
Permit Taken By:		<b>Zoning Approval</b>	

Signature: *CAPT. R. Gauthier*  
 Signature: *JMB*  
 3/14/11

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	<p><b>Special Zone or Reviews</b></p> <p><input type="checkbox"/> Shoreland  <input type="checkbox"/> Wetlands  <input type="checkbox"/> Flood Zone  <input type="checkbox"/> Subdivision  <input type="checkbox"/> Site Plan  <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date: <i>2/22/11</i></p>	<p><b>Zoning Appeal</b></p> <p><input type="checkbox"/> Variance  <input type="checkbox"/> Miscellaneous  <input type="checkbox"/> Conditional Use  <input type="checkbox"/> Interpretation  <input type="checkbox"/> Approved  <input type="checkbox"/> Denied</p> <p>Date:</p>	<p><b>Historic Preservation</b></p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark  <input type="checkbox"/> Does not Require Review  <input type="checkbox"/> Requires Review  <input type="checkbox"/> Approved  <input type="checkbox"/> Approved w/Conditions  <input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
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**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
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RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	DATE	PHON
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FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

RECEIVED

FEB 18 2011

Dept. of Building Inspections  
City of Portland Maine

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 13-263 3DU- Use of Building Residential Date 2/18/11  
 Name and address of owner of appliance Gil Helmick  
39 Cumberland  
 Installer's name and address Pat Coon / ReVision Heat  
109 Fox St. Telephone 323-1805

### Location of appliance:

- Basement  Floor  
 Attic  Roof

### Type of Fuel:

- Gas  Oil  Solid

Appliance Name: Prestige Solo 175

U.L. Approved  Yes  No

Will appliance be installed in accordance with the manufacture's installation instructions?  Yes  No

IF NO Explain: \_\_\_\_\_

### The Type of License of Installer:

- Master Plumber # \_\_\_\_\_  
 Solid Fuel # \_\_\_\_\_  
 Oil # \_\_\_\_\_  
 Gas # PNT 1785  
 Other \_\_\_\_\_

### Type of Chimney:

- Masonry Lined  
 Factory built \_\_\_\_\_  
 Metal  
 Factory Built U.L. Listing # \_\_\_\_\_  
 Direct Vent  
 Type PVC UL# \_\_\_\_\_

### Type of Fuel Tank

- Oil  
 Gas

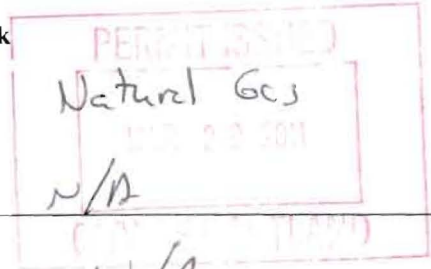
Size of Tank N/A

Number of Tanks N/A

Distance from Tank to Center of Flame N/A feet.

Cost of Work: \$ 9,000

Permit Fee: \$ 110



### Approved

Fire: \_\_\_\_\_

Ele.: \_\_\_\_\_

Bldg.: \_\_\_\_\_

### Approved with Conditions

- See attached letter or requirement

Signature of Installer [Signature]

Inspector's Signature \_\_\_\_\_

Date Approved \_\_\_\_\_

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

### 1. Final - Commercial

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



# PORTLAND MAINE

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Director of Planning and Urban Development  
Penny St. Louis

Job ID: 2011-02-404-ALTCOMM

Located At: 39 CUMBERLAND

CBL: 013 - - K - 063 - 001 - - - -

## Conditions of Approval

### **Fire**

1. Fire Conditions
2. Installation shall comply with City Code Chapter 10.
3. Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*;
4. NFPA 31, *Standard for the Installation of Oil-Burning Equipment*;
5. NFPA 54, *National Fuel Gas Code*, and the manufacturer's published instructions.

### **Building**

1. The installation must comply with the State of Maine gas regulations.
2. Equipment and venting shall be installed in compliance per the manufacturer's specifications



2011-14 17 AVAC

**Job Summary Report**  
**Job ID: 2011-02-404-ALTCOMM**

Report generated on Feb 22, 2011 9:19:22 AM

Page 1

<b>Job Type:</b>	Adds/Alter Remodel Only Non-Res & NonHskp	<b>Job Description:</b>	39 Cumberland Ave. / Alterations	<b>Job Year:</b>	2011
<b>Building Job Status Code:</b>	In Review	<b>Pin Value:</b>	635	<b>Tenant Name:</b>	
<b>Job Application Date:</b>		<b>Public Building Flag:</b>	N	<b>Tenant Number:</b>	
<b>Estimated Value:</b>	31,000	<b>Square Footage:</b>			
<b>Related Parties:</b>		GILBERT HELMICK		<i>Property Owner</i>	
		REVISION ENERGY		<i>ELECTRICAL CONTRACTOR</i>	
		- Gil Helmick		<i>GENERAL CONTRACTOR</i>	

**Job Charges**

Fee Code Description	Charge Amount	Permit Charge Adjustment	Net Charge Amount	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Net Payment Amount	Outstanding Balance
Job Valuation Fees	\$330.00		\$330.00	2/10/11	1201	\$330.00		\$330.00	\$0.00

**Location ID: 1590**

**Location Details**

Alternate Id	Parcel Number	Census Tract	GIS X	GIS Y	GIS Z	GIS Reference	Longitude	Latitude
W25855	013 K 063 001		M				-70.249409	43.666076

Location Type	Subdivision Code	Subdivision Sub Code	Related Persons	Address(es)
1				39 CUMBERLAND AVENUE NORTH

Location Use Code	Variance Code	Use Zone Code	Fire Zone Code	Inside Outside Code	District Code	General Location Code	Inspection Area Code	Jurisdiction Code
FOUR FAMILY		RESIDENTIAL					DISTRICT 1	EAST END

**Structure Details**

**Structure: upgrades**

**Occupancy Type Code:**

Structure Type Code	Structure Status Type	Square Footage	Estimated Value	Address
Three - Four Family Building	0			39 CUMBERLAND AVENUE NORTH

Longitude	Latitude	GIS X	GIS Y	GIS Z	GIS Reference	User Defined Property	Value

Permit #: 20111202

2 Sep. Building on lot - front 20' = 30' - 10' 10' 10'

Not in queue



# prestige

Solo 60  
Solo 175  
Solo 250  
Solo 399  
Water Boiler



FEB 18 2011

Dept. of Building Inspections  
City of Portland Maine

## \* INSTALLATION AND MAINTENANCE \* M A N U A L

### NOTICE

Warranty Registration Card must be filled out by the customer and mailed within thirty (30) days of installation in order to gain warranty coverage.

When receiving the PRESTIGE Solo unit, any claims for damage or shortage in shipment must be filed immediately against the transportation company by the consignee.

Leave all documentation received with appliance with owner for future reference.

### ⚠ WARNING

**If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.**

#### FOR YOUR SAFETY

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- WHAT TO DO IF YOU SMELL GAS
  - Do not try to light any appliance
  - Do not touch any electrical switch: do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.



## SECTION II - Combustion Air and Venting

### Combustion Air Contamination

**⚠ WARNING**

If the PRESTIGE Solo combustion air inlet is located in any area likely to cause or contain contamination, or if products, which would contaminate the air cannot be removed, the combustion air must be repiped and terminated to another location. Contaminated combustion air will damage the unit and its burner system, resulting in possible severe personal injury, death or substantial property damage.

**⚠ WARNING**

Do not operate a PRESTIGE Solo if its combustion air inlet is located near a laundry room or pool facility. These areas will always contain hazardous contaminants.

Pool and laundry products and common household and hobby products often contain fluorine or chlorine compounds. When these chemicals pass through the burner and vent system, they can form strong acids. These acids can create corrosion of the heat exchanger, burner components and vent system, causing serious damage and presenting a possible threat of flue gas spillage or water leakage into the surrounding area.

Please read the information listed below. If contaminating chemicals are located near the area of the combustion air inlet, the installer should pipe the combustion air inlet to an outside area free of these chemicals per SECTION V of this installation manual.

### Potential contaminating products

- Spray cans containing chloro/fluorocarbons
- Permanent Wave Solutions
- Chlorinated wax
- Chlorine - based swimming pool chemicals / cleaners
- Calcium Chloride used for thawing ice
- Sodium Chloride used for water softening
- Refrigerant leaks
- Paint or varnish removers
- Hydrochloric acid / muriatic acid
- Cements and glues
- Antistatic fabric softeners used in clothes dryers
- Chlorine-type bleaches, detergents, and cleaning solvents found in household laundry rooms
- Adhesives used to fasten building products and other similar products

### Areas likely to contain these products

- Dry cleaning / laundry areas and establishments
- Beauty salons
- Metal fabrication shops
- Swimming pools and health spas
- Refrigeration Repair shops
- Photo processing plants
- Auto body shops
- Plastic manufacturing plants
- Furniture refinishing areas and establishments
- New building construction
- Remodeling areas
- Garages with workshops



## SECTION Installation Items

### Code Compliance

This product must be installed in accordance to the following:

- All applicable local, state, national and provincial codes, ordinances, regulations and laws.
- For installations in Massachusetts, code requires the boiler to be installed by a licensed plumber or gas fitter, and if antifreeze is utilized, the installation of a reduced pressure backflow preventer device is required in the boiler's cold water fill or make up water supply line.
- For installation in Massachusetts all direct vented appliances must comply with the guidelines as outlined on page 11.
- The National Fuel Gas Code NFPA54/ANSI Z 223.1 - Latest edition.
- National Electric Code ANSI/NFPA 70.
- For installations in Canada - "Installation Code for Gas Burning Equipment" CGA/B149.1 or B149.2 Canadian Electrical Code Part 1 CSA C22.1.
- Standards for Controls and Safety Devices for Automatically Fired Boilers, ANSI/ASME CSD-1, when required.

#### NOTICE

**The PRESTIGE Solo boiler gas manifold and gas controls meet the safe lighting and other performance requirements as specified in ANSI Z21.13 latest edition.**

### Determining Product Location

Before locating the PRESTIGE SOLO check for convenient locations to:

- Heating system piping
- Venting
- Gas supply piping
- Electrical service

Ensure the boiler location allows the combustion air/vent piping to be routed directly through the building and terminate properly outside with a minimum amount of length and bends.

Ensure the area chosen for the installation of the PRESTIGE Solo is free of any combustible materials, gasoline and other flammable liquids.

#### WARNING

**Failure to remove or maintain the area free of combustible materials, gasoline and other flammable liquids or vapors can result in severe personal injury, death or substantial property damage.**

Ensure the PRESTIGE Solo and its controls are protected from dripping or spraying water during normal operation or service.

The PRESTIGE Solo should be installed in a location so that any water leaking from the boiler or piping connections or relief valve will not cause damage to the area surrounding the unit or any lower floors in the structure.

### Boiler Replacement

If the PRESTIGE Solo is replacing an existing boiler, the following items should be checked and corrected prior to installation:

- Boiler piping leaks and corrosion.
- Improper location and sizing of the expansion tank on the boiler heating loop.
- If applicable, level and quality of freeze protection within the boiler system.

### Recommended Clearances

The PRESTIGE Solo is approved for zero clearance to combustibles, excluding vent and boiler piping.

- Boiler Piping - 1/4 inch from combustible materials.